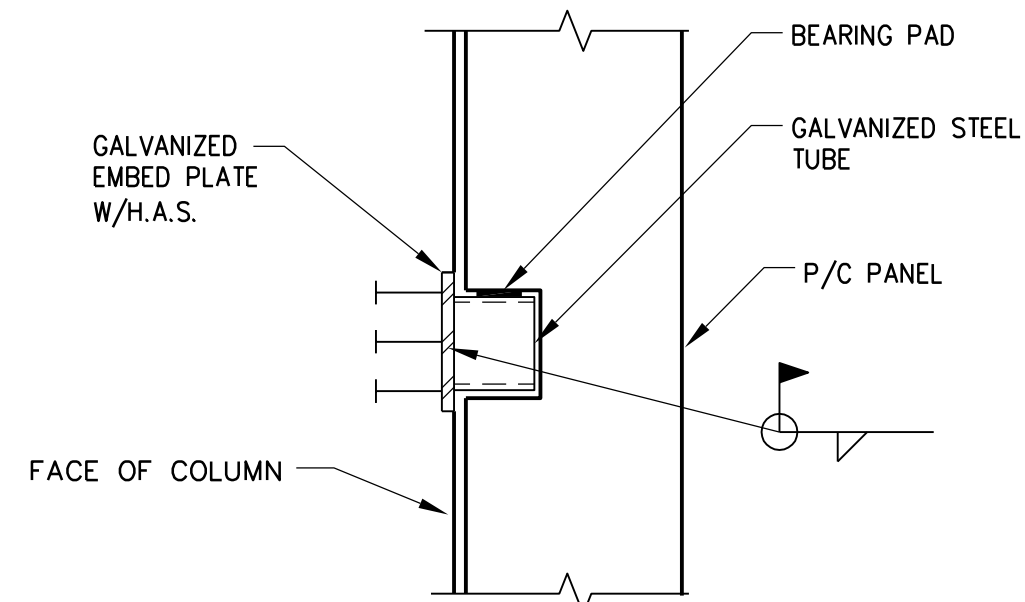
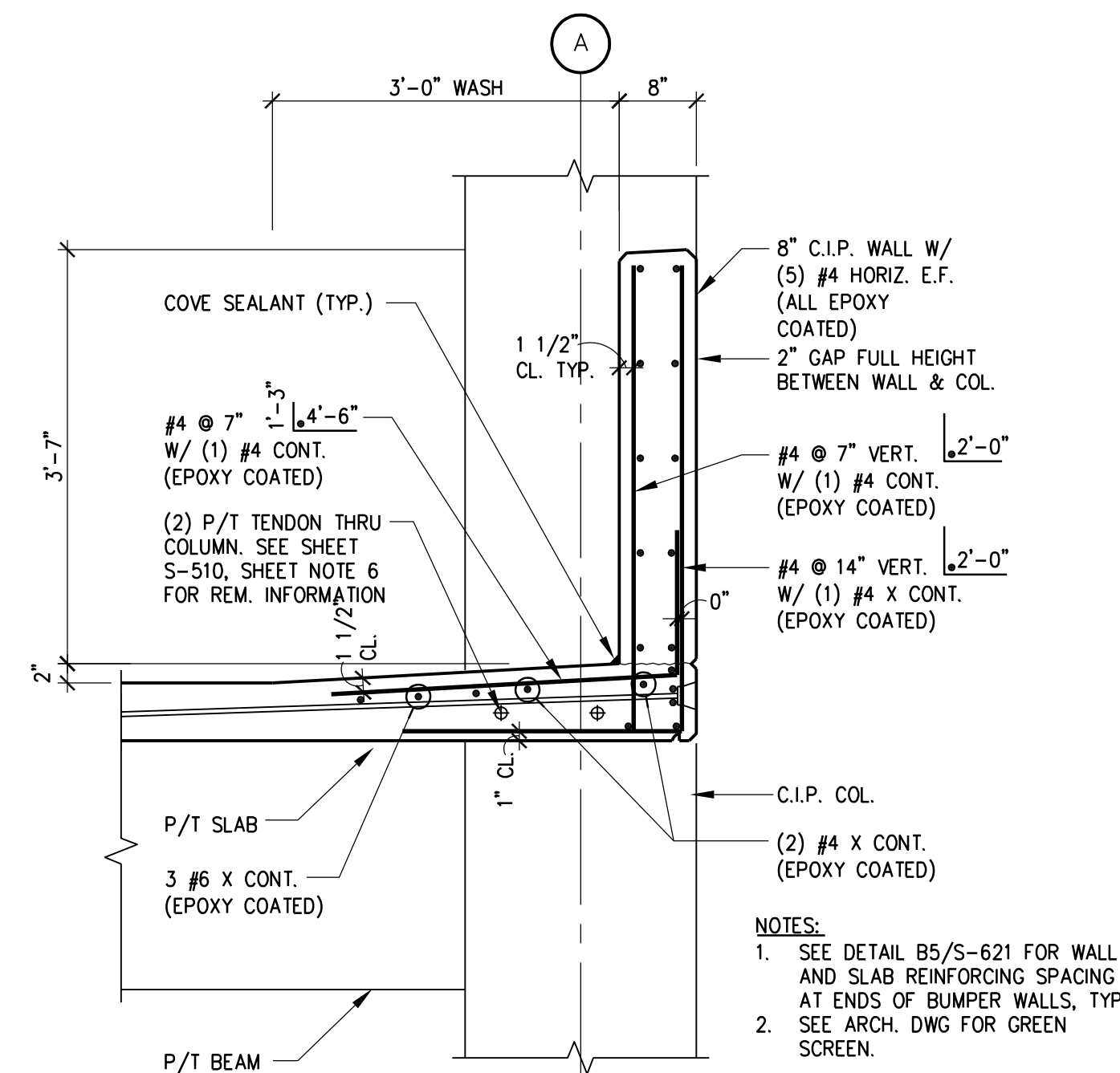


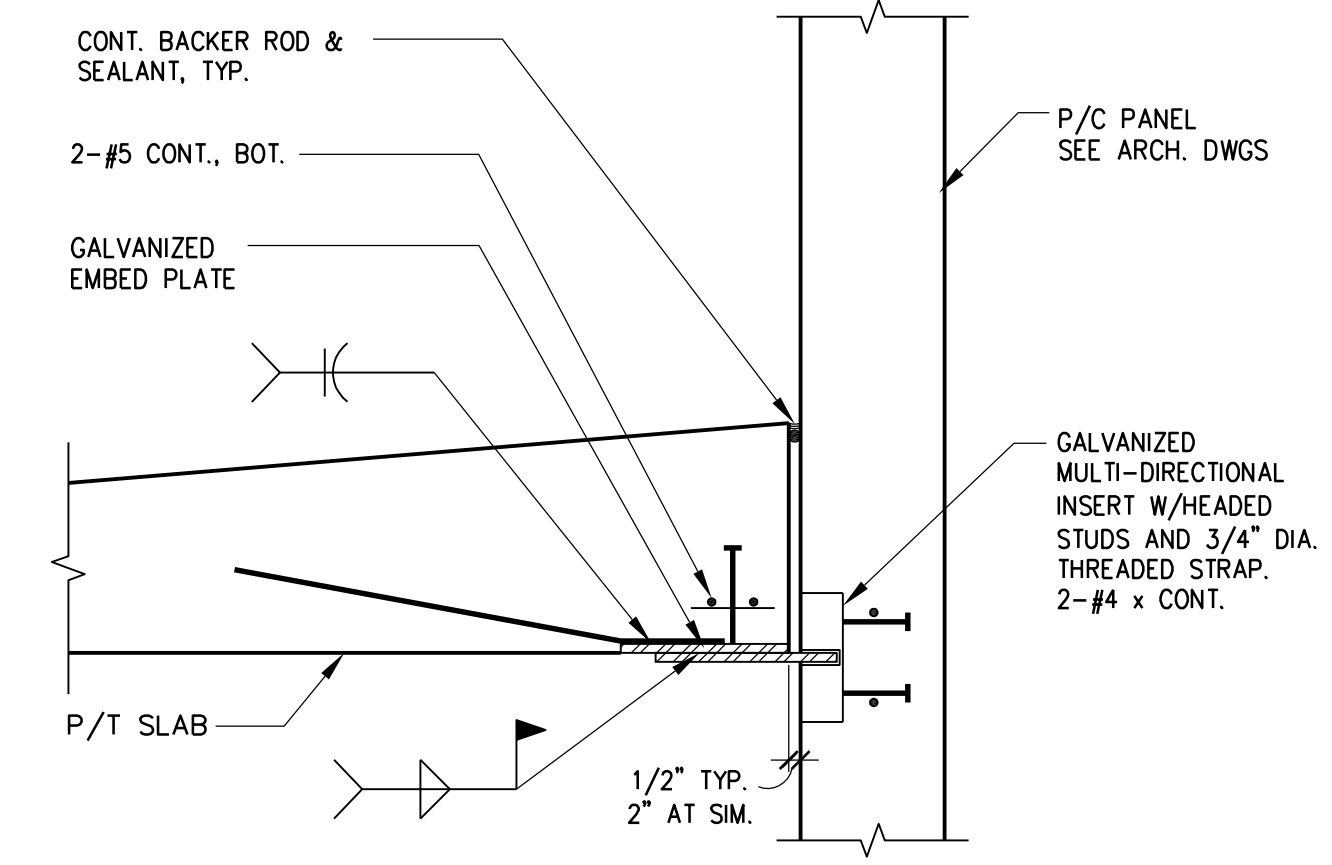
B1 SECTION



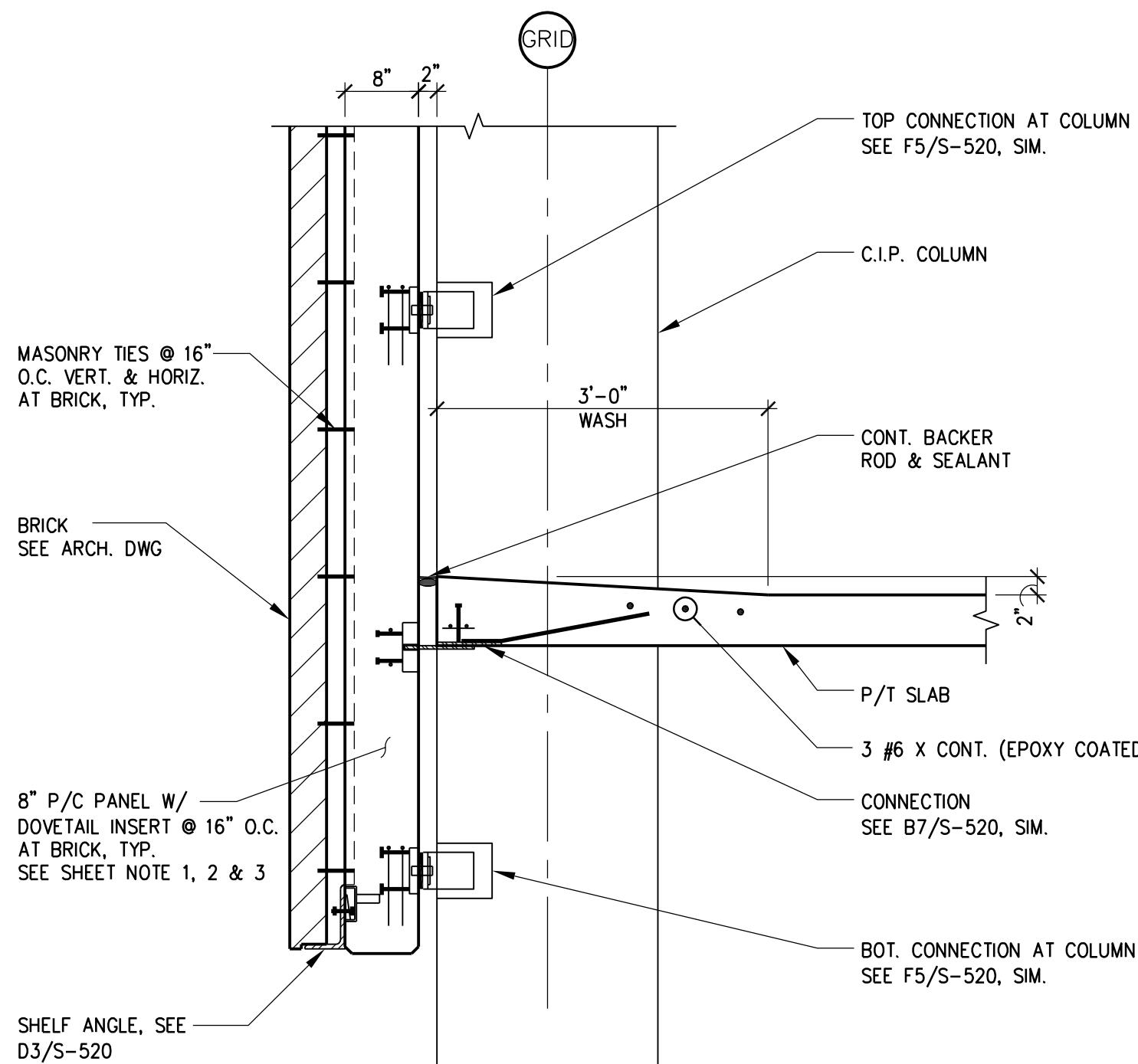
B3 P/C PANEL BEARING CONNECTION
PERFORMANCE DESIGN



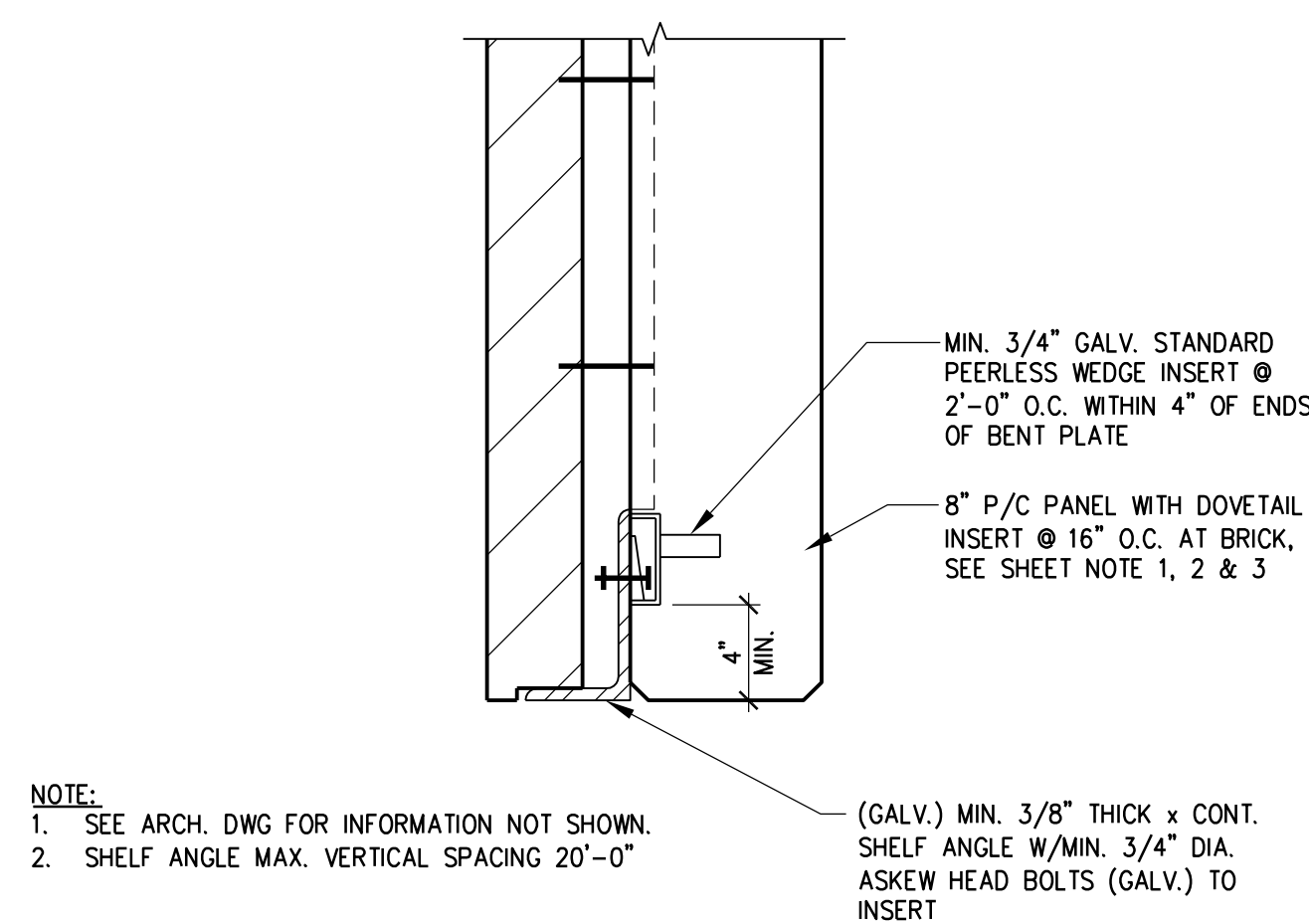
B5 EXTERIOR BUMPER WALL DETAIL



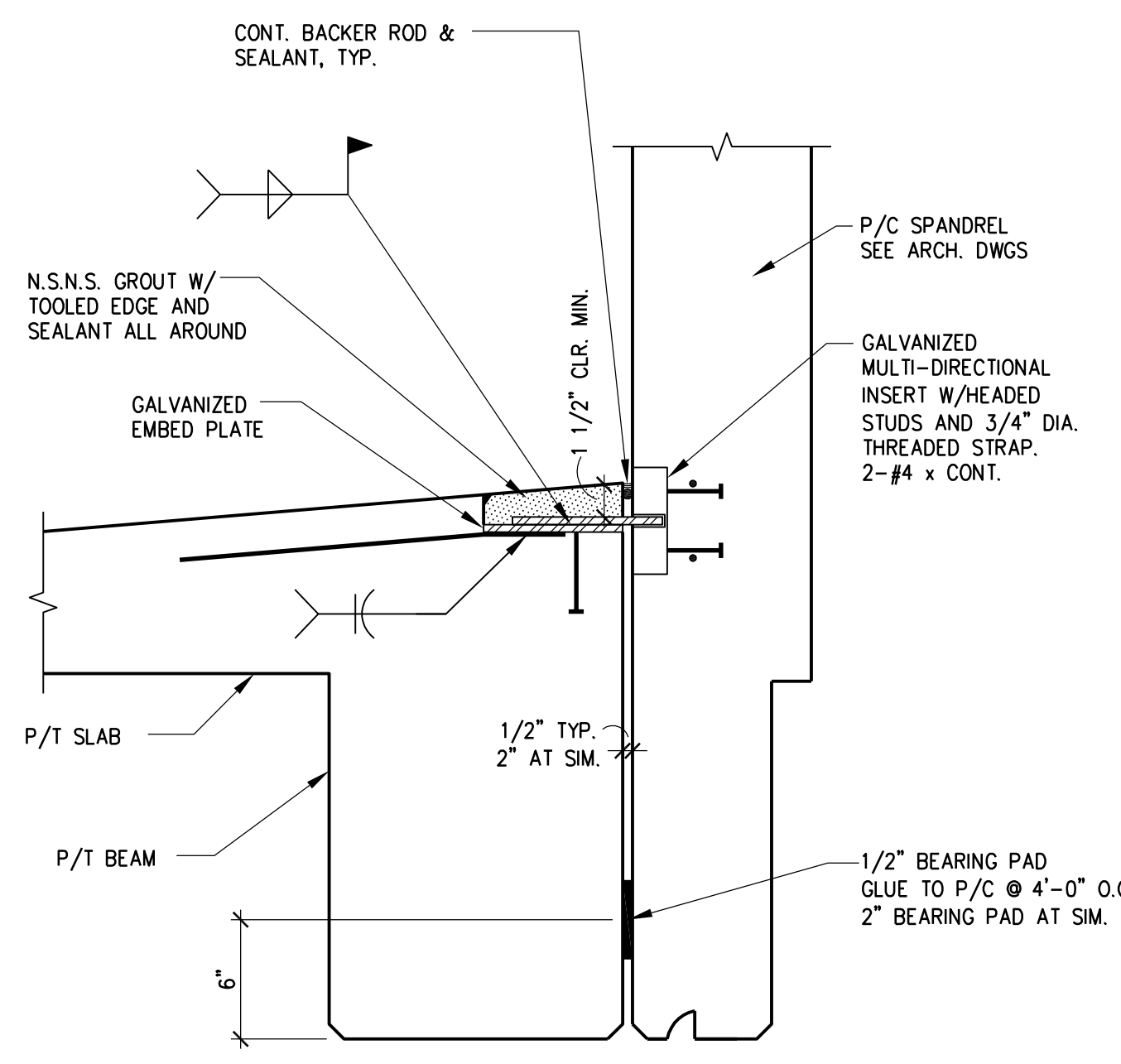
B7 P/C PANEL SLAB LATERAL CONNECTION
PERFORMANCE DESIGN (MAX. 4'-0" O.C.)



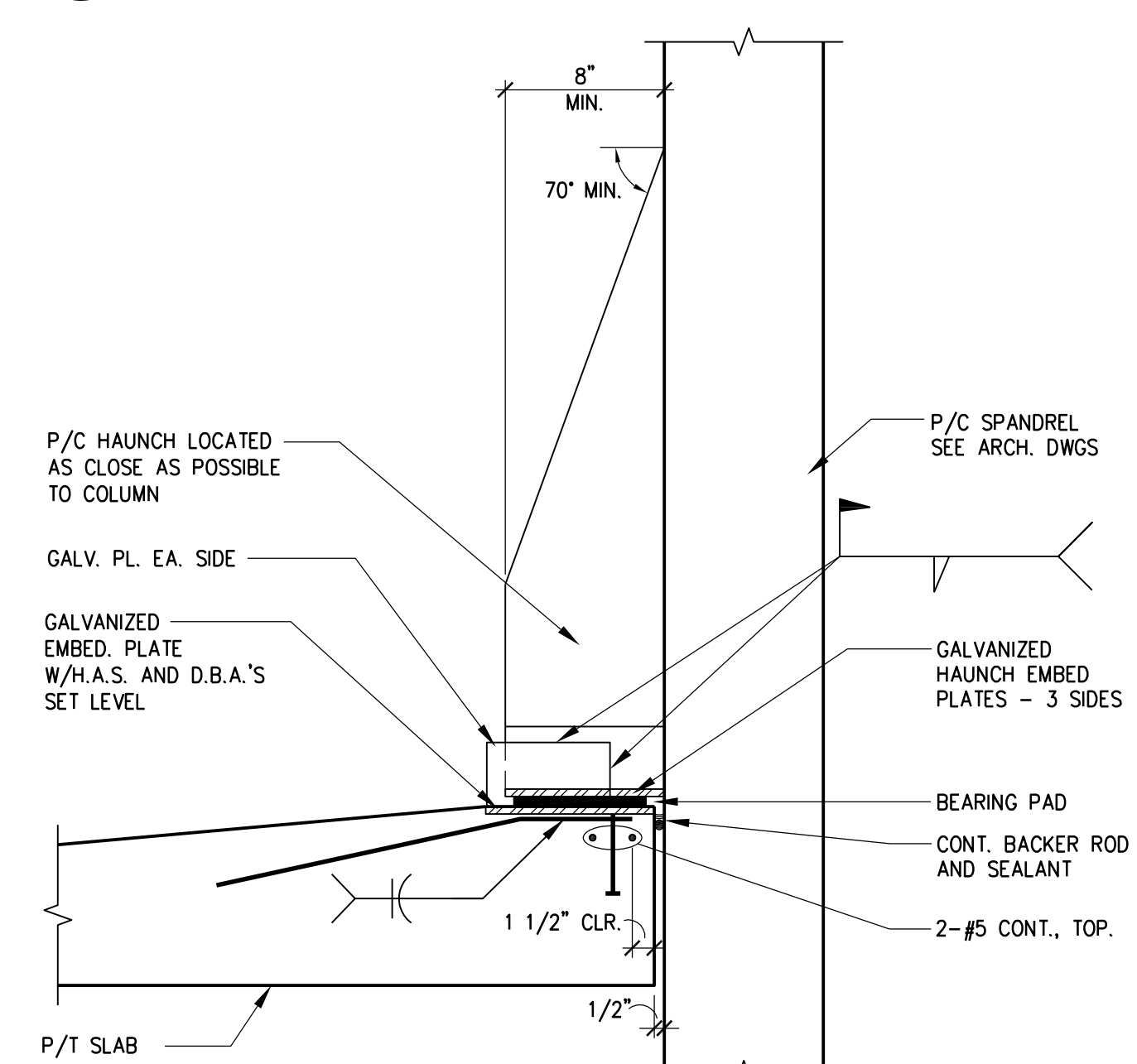
D1 SECTION



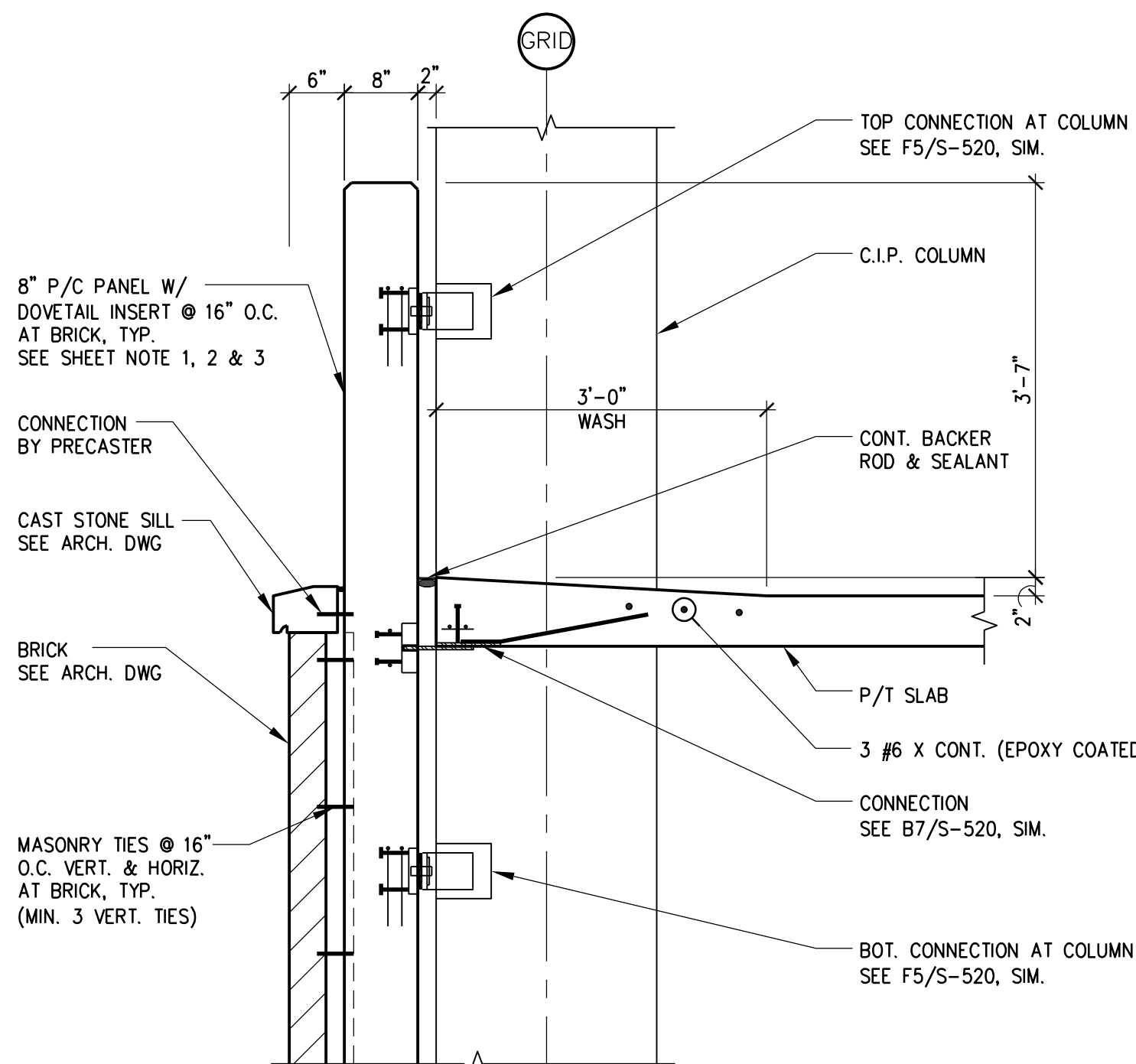
D3 SECTION
PERFORMANCE DESIGN



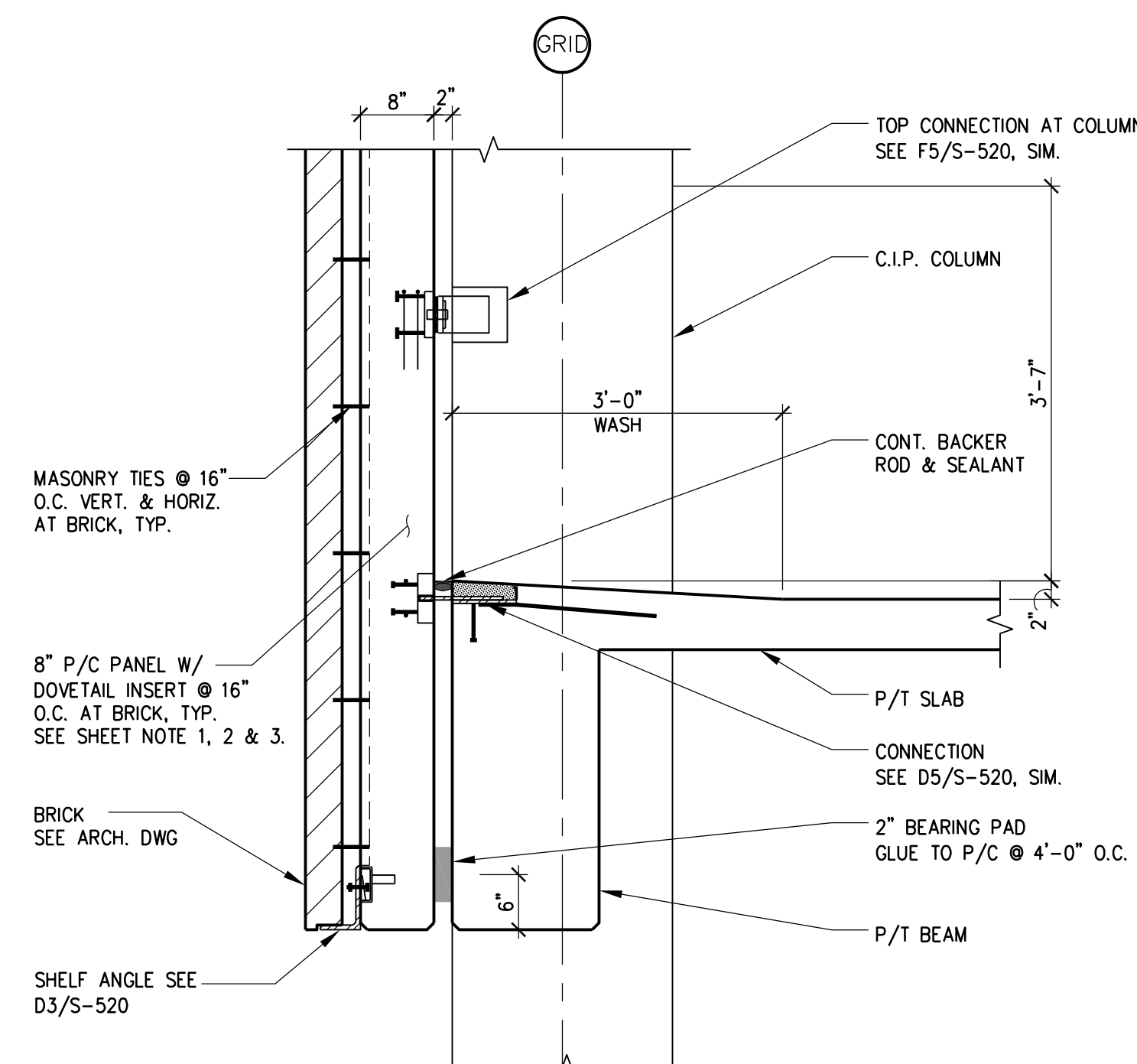
D5 SPANDREL/BEAM DETAIL
PERFORMANCE DESIGN (MAX. 4'-0" O.C.)



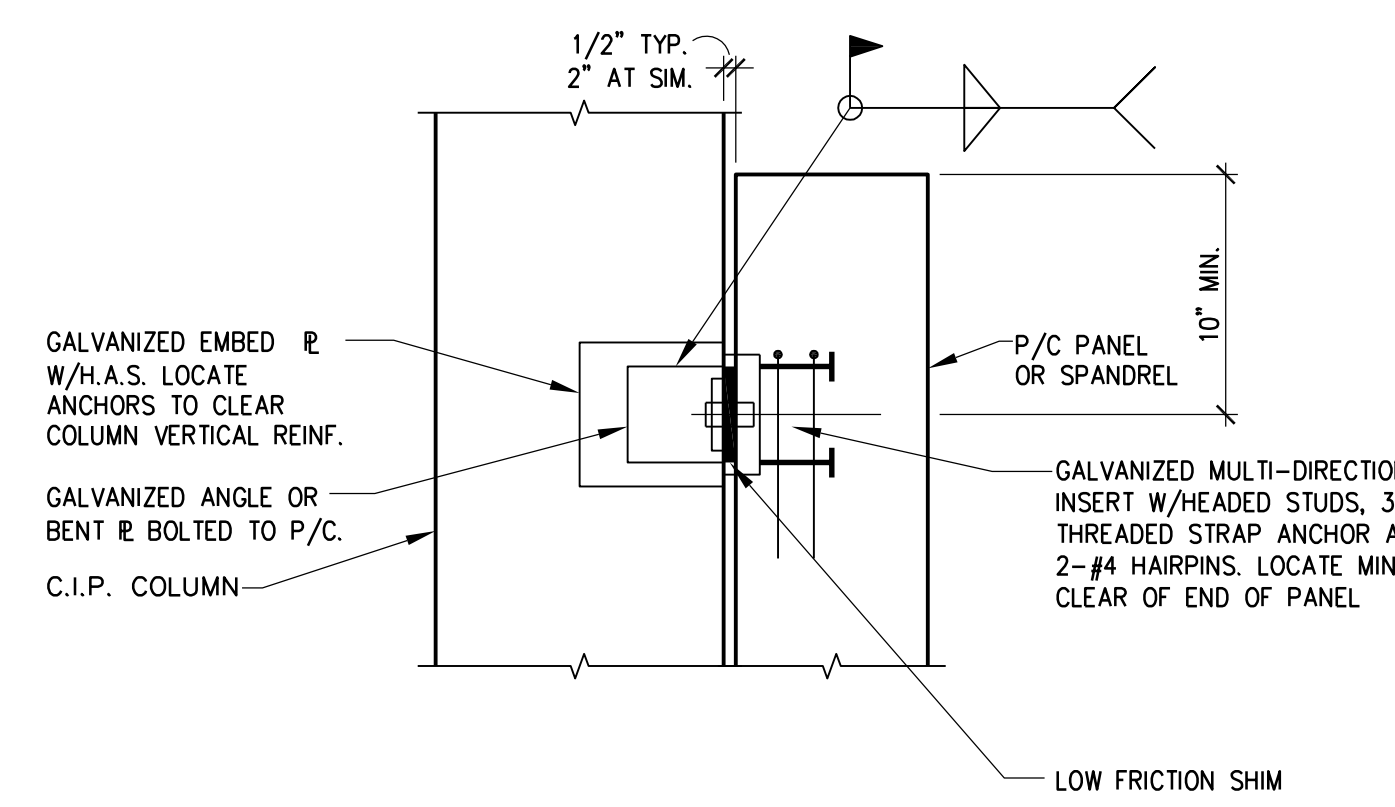
D7 P/C SPANDREL BEARING AND LATERAL CONNECTION
PERFORMANCE DESIGN



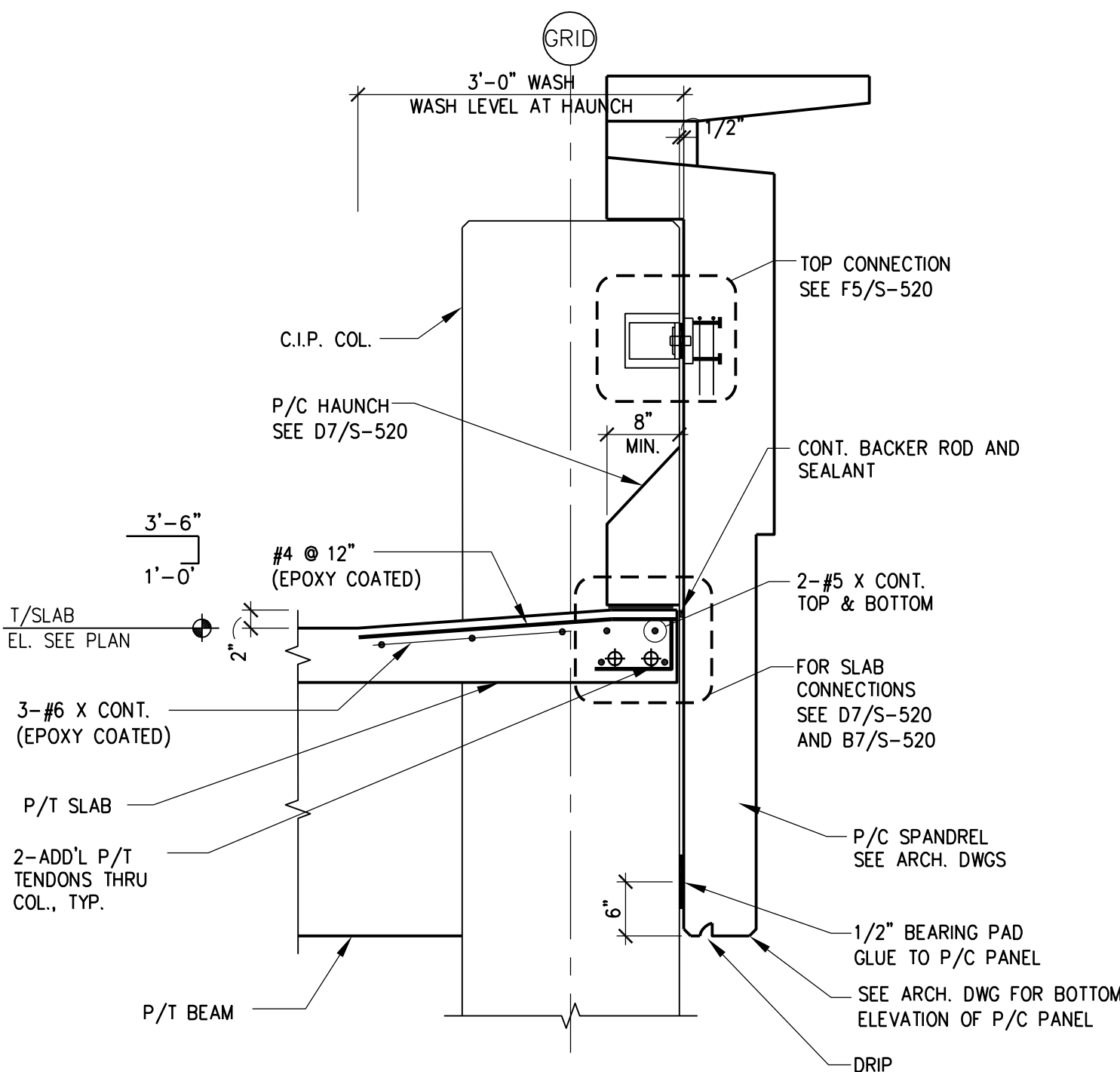
F1 SECTION



F3 SECTION



F5 P/C PANEL/SPANDREL LATERAL CONNECTION
PERFORMANCE DESIGN



F7 SLAB/BAM/SPANDREL DETAIL
PERFORMANCE DESIGN

- SHEET NOTES:**
- TYPICALLY, PRECASTER SHALL DESIGN THE 8" P/C PANEL WITH BRICK AS THE FOLLOWINGS:
 - FOR LATERAL LOAD: THE 8" P/C PANEL IS TIED TO THE GARAGE DECK WITH THE MULTI-DIRECTIONAL INSERT. SEE DETAIL D3/S-520 AND B7/S-520.
 - FOR GRAVITY LOAD:
 - AT OPENING, THE 8" P/C PANEL SHALL SUPPORT THE BRICK BY THE SHELF ANGLE. SEE DETAIL D3/S-520.
 - ALL THE GRAVITY LOADS INCLUDE THE 8" P/C PANEL SELF-WEIGHT AND BRICK ARE SUPPORTED BY THE FOUNDATION C.I.P. WALLS/GRADE BEAMS.
 - LOCATE THE 8" P/C PANEL VERTICAL PIECE JOINT AT THE LOCATION OF BRICK EXPANSION JOINT. SEE DETAIL D5/S-522. DO NOT LOCATE THE 8" P/C PANEL VERTICAL PIECE JOINT OUTSIDE THE BRICK EXPANSION JOINT.
 - AT BRICK EXPANSION JOINT WHERE THE 8" P/C PANEL IS CONTINUOUS, SEE DETAIL D7/S-522.
 - THE NOTE "PERFORMANCE DESIGN" SHOWN ON SECTION/DETAIL INDICATES THE INTENT OF CONNECTION DESIGN. PRECASTER SHALL FOLLOW THE DESIGN INTENT TO DESIGN THE CONNECTION.

FINAL CONSTRUCTION DOCUMENTS	06/10/11
100% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	04/11/11
75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	02/03/11
75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION) - COST ESTIMATE	01/19/11
55% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	11/22/10
Revisions:	Date

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Drawing Title STRUCTURAL DETAILS	Project Title 400 CAR PARKING GARAGE
Approved: Project Director Iowa City VA Healthcare System Department of Veterans Affairs Medical Center	Location IOWA CITY, IA
Date 06/10/2011	Checked BFN
	Drawn MJK

Project Number 636-402	Building Number 43
Drawing Number S-520	Dwg. 107 of 152

Office of Construction and Facilities Management
Department of Veterans Affairs